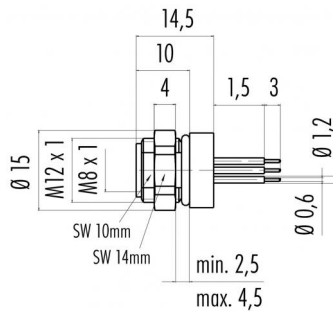


Product description	M8 female panel mount connector, Contacts: 6, not shielded, dip-solder, IP67, front mounting
Area	M8 series 718
Order number	86 6518 1100 00006

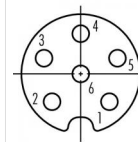
Illustration



Scale drawing



Contact arrangement (Plug-in side)



	X	Y
1	1,37	-1,32
2	-1,37	-1,32
3	-1,75	0,74
4	0	1,90
5	1,75	0,74
6	0	0

- 1 brown
- 2 white
- 3 blue
- 4 black
- 5 grey
- 6 pink

You can find the assembly instructions on the next page.

Technical data

General values

Notice

Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.

female panel mount connector
screw
dip-solder
85 °C
- 40 °C
85369010
20

Connector design
Connector locking system
Termination
Upper limit temperature
Lower limit temperature
Customs tariff number
Packaging Unit

Electrical values

Rated current (40 °C)	1.5 A
Rated voltage	30 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	not shielded
Degree of protection	IP67
Mechanical operation	> 100 Mating cycles
Contact length	1.5 mm

Material

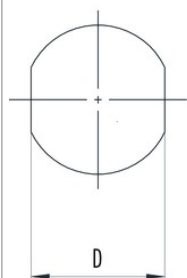
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA
Housing material	CuZn (Brass nickel plated)
REACH SVHC	CAS 80-05-7 (4,4'-isopropylidendiphenol) CAS 7439-92-1 (Lead) CAS 61788-32-7 (Terphenyl, hydrogenated)

Product description **M8 female panel mount connector, Contacts: 6, not shielded, dip-solder, IP67, front mounting**

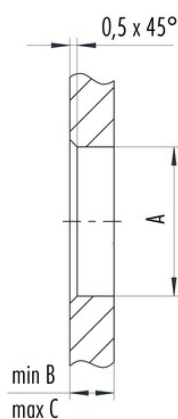
Area **M8 series 718**
Order number **86 6518 1100 00006**

Assembly instructions / Panel cut-out

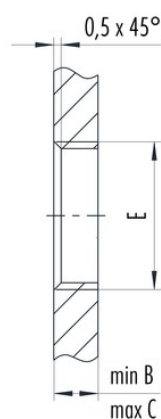
With flats as anti-rotation device



With bore hole



With thread to screw in



thread E	A	B	C	D
M8 x 0,5	8,1	2,5	4,5	7,1
M10 x 0,75	10,1	2,5	5,0	9,1

Tightening moment 1 Nm

Product description	M8 female panel mount connector, Contacts: 6, not shielded, dip-solder, IP67, front mounting
Area	M8 series 718
Order number	86 6518 1100 00006

Security notices

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.